

01-28-02

Intellectual Property Law

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BOXED A

jc821
10/056495
01/24/02

January 24, 2002

Box PATENT APPLICATION
Commissioner for Patents
Washington, DC 20231

EV039220705US

VIA EXPRESS MAIL LABEL NUMBER EV 039220705 US
CUSTOMER NO.: 23456
ATTORNEY DOCKET NO.: N7841 DWS

Dear Sir:

Enclosed for filing are the following:

1. Original utility patent application for the invention by Laurence J. Zwiebel of a "Mosquito Olfactory Genes, Polypeptides, and Methods of Use Thereof" which includes:
 - a. specification consisting of 79 pages;
 - b. 23 pages of drawings (Figs. 1-11b).
2. Declaration and power of attorney of the inventor (3 pages).
3. Original filing fee in the amount of \$1627.00.
4. Statement to support filing and submission in accordance with 37 C.F.R. §§1.821 – 1.825 (2 pages).
5. Two computer disks containing sequence listings.
6. One hard copy of contents of computer disks (24 pages).
7. Transmittal letter, including certificate of express mailing (3 pages).
8. Self-addressed return post card.

Small Entity Status

Applicant claims small entity status under 37 C.F.R. 1.27.

Claim of Priority

Transmitted herewith for filing is a patent application claiming priority under 35 U.S.C. 119 (e) of Utility Application No. 60/264,649 filed on January 26, 2001 entitled "Mosquito Olfactory Genes, Polypeptides, and Methods of Use Thereof."

Fee Calculation

The fee has been calculated as follows:

Basic Filing Fee:	\$370.00
85 Total Claims; 65 extra @ \$9/claim:	\$585.00
19 Indep. Claims; 16 extra @ \$42/claim:	<u>\$672.00</u>
Total Filing Fee:	\$1627.00

Correspondence Address

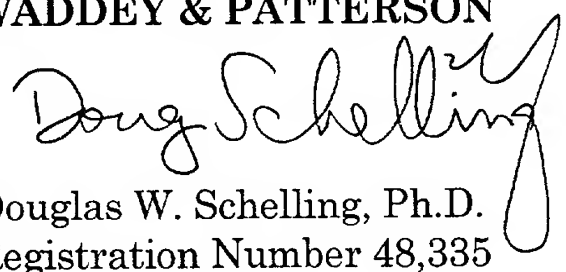
Please direct future correspondence to:

Douglas W. Schelling, Ph.D.
Wadley & Patterson
414 Union Street, Suite 2020
Bank of America Plaza
Nashville, TN 37219

You are authorized to charge any deficiency or credit any overpayment associated with the filing of this application to Deposit Account 23-0035.

Very truly yours,

WADLEY & PATTERSON


Douglas W. Schelling, Ph.D.
Registration Number 48,335

DWS/fmv
Enclosures

INTELLECTUAL
PROPERTY
LAW

[Handwritten signature]

"EXPRESS MAIL" mailing label number:

EV 039220705 US

Date of deposit:

January 24, 2002

I hereby certify that this correspondence, including the following:

1. Original utility patent application for the invention by Laurence J. Zwiebel of a "Mosquito Olfactory Genes, Polypeptides, and Methods of Use Thereof" which includes:
 - a. specification consisting of 79 pages;
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are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to:

Commissioner for Patents
Box PATENT APPLICATION
Washington, DC 20231

Date: Jan. 24, 2002

[Handwritten signature: Douglas W. Schelling]
Douglas W. Schelling, Ph.D.
Reg # 48,335

INTELLECTUAL PROPERTY LAW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Atty. Docket No: N7841

In re patent application of

ZWIEBEL, LAURENCE J.

Serial No. Unassigned

Filed: Concurrently Herewith

For: MOSQUITO OLFACTORY GENES, POLYPEPTIDES, AND METHODS OF USE THEREOF

STATEMENT TO SUPPORT FILING AND SUBMISSION IN
ACCORDANCE WITH 37 C.F.R. §§ 1.821-1.825

Assistant Commissioner for Patents
Washington, D.C. 20231
Box SEQUENCE

Sir:

In connection with a Sequence Listing submitted concurrently herewith, the undersigned hereby states that:

1. the submission, filed herewith in accordance with 37 C.F.R. § 1.821(g), does not include new matter;


2. the content of the attached paper copy and the attached computer readable copy of the Sequence Listing, submitted in accordance with 37 C.F.R. § 1.821(c) and (e), respectively, are the same; and

3. all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United

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Year	Age	Sex	Height (cm)	Weight (kg)	Body Mass Index (kg/m ²)	Waist Circumference (cm)	Hip Circumference (cm)	Waist-Hip Ratio	Trunk Fat (%)	Visceral Fat (%)	Subcutaneous Fat (%)	Trunk Fat (cm)	Visceral Fat (cm)	Subcutaneous Fat (cm)
1990	20	M	170	65	23.5	85	95	0.89	15	5	10	10	5	10
1991	21	F	160	55	21.5	75	85	0.88	12	3	9	8	3	9
1992	22	M	175	70	22.5	90	100	0.90	18	7	11	12	7	11
1993	23	F	165	60	21.0	80	90	0.89	14	4	10	9	4	10
1994	24	M	180	75	22.0	95	105	0.90	20	8	12	14	8	12
1995	25	F	170	65	21.5	85	95	0.89	16	6	10	11	6	10
1996	26	M	185	80	23.0	100	110	0.91	22	9	13	16	9	13
1997	27	F	175	70	22.0	90	100	0.90	18	7	11	13	7	11
1998	28	M	190	85	24.0	105	115	0.91	24	10	14	18	10	14
1999	29	F	180	75	22.5	95	105	0.90	20	8	12	15	8	12
2000	30	M	195	90	23.5	110	120	0.92	26	11	15	20	11	15
2001	31	F	185	80	23.0	100	110	0.91	22	9	13	17	9	13
2002	32	M	200	95	23.8	115	125	0.92	28	12	16	22	12	16
2003	33	F	190	85	24.0	105	115	0.91	24	10	14	19	10	14
2004	34	M	205	100	23.9	120	130	0.93	30	13	17	24	13	17
2005	35	F	195	90	23.5	110	120	0.92	26	11	15	21	11	15
2006	36	M	210	105	23.8	125	135	0.93	32	14	18	26	14	18
2007	37	F	200	95	23.8	115	125	0.92	28	12	16	23	12	16
2008	38	M	215	110	23.9	130	140	0.94	34	15	19	28	15	19
2009	39	F	205	100	23.9	120	130	0.93	30	13	17	25	13	17
2010	40	M	220	115	24.5	135	145	0.94	36	16	20	30	16	20
2011	41	F	210	105	23.8	125	135	0.93	32	14	18	27	14	18
2012	42	M	225	120	24.4	140	150	0.95	38	17	21	32	17	21
2013	43	F	215	110	23.7	130	140	0.93	34	15	19	29	15	19
2014	44	M	230	125	24.3	145	155	0.96	40	18	22	34	18	22
2015	45	F	220	115	23.6	135	145	0.94	36	16	20	31	16	20
2016	46	M	235	130	24.2	150	160	0.97	42	19	23	36	19	23
2017	47	F	225	120	23.5	140	150	0.94	38	17	21	33	17	21
2018	48	M	240	135	24.0	155	165	0.97	44	20	24	38	20	24
2019	49	F	230	125	23									

Date January 23, 2002


James A. Coburn

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